

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 2, 3, 12-15, and 21-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Henderson et al 6,047,227. Henderson shows a work support and management system for a working machine, which supports and manages work carried out by a working machine, said system comprising first storage means 104 for storing the state of a working region where said working machine carries out the work; second storage means 102/106 for storing the relationship between the state of said working region and a discriminative display method; and display means for displaying the state of said working region (fig 6), wherein said display means includes first processing means 108 for obtaining discriminative display data by referring to the relationship stored in said second storage means on the basis of the state of said working region stored in said first storage means, and for displaying the state of said working region in a discriminative manner wherein said working region is represented in units of mesh (fig 5a) indicating a plane of a predetermined size, and said first storage means stores the state of said working region per mesh; and wherein said first processing means obtains the discriminative display data by referring to the relationship stored in said second storage means on the basis of the manner; wherein said second storage means stores

the discriminative display method in color-coded representation; and wherein said first processing means displays the state of said working region in a color-coded manner 322 (col. 5, lines 1-10; claims 21 and 24).

As concerns claim 12, Henderson shows working machine is a hydraulic excavator, and the state of said working region is represented by landform of said working region (fig 4-9).

As concerns claims 13, 22 and 23, Henderson shows working machine is a mine sweeping machine, and the state of said working region is capable of represented by the presence or absence of mines buried in said working region and the mine type (fig 4).

As concerns claim 14, Adachi shows working machine is a ground improving machine, and the state of said working region is represented by positions where a solidifier is loaded and Henderson and Wendt and Fournier and Gudat et al and Henderson amount of the loaded solidifier.

Allowable Subject Matter

3. Claims 5 and 7-11 are allowed.
4. Claims 16-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

5. Applicant's arguments filed 04/24/08 have been fully considered but they are not persuasive. Upon reconsideration, Henderson et al 6,047,227 discloses the claims as amended as described in the rejection above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas A. Beach whose telephone number is 571.272.6988. The examiner can normally be reached on Monday-Friday, 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Will can be reached on 571.272.6998. The fax phone number for the organization where this application or proceeding is assigned is 571.273.8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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